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SECRETCENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY Germany (Soviet Zone)
SUBJECT VEB Funkwerk Berlin-Köpenick

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DATE DISTR. 12 Apr 54

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25X1
NO. OF ENCLS.SUPP. TO
REPORT NO.

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1. The Funkwerk Köpenick is currently manufacturing automatic tuning devices for ship's radios, for which it has orders for the Soviet Union, Poland, the Mathias Thesen shipyard at Wismar, the Neptun shipyard at Rostock, the Warnow shipyard and the national shipyard at Stralsund. Six tuners for 800 watt senders were finished in Jan 1953 and delivered to the Wismar shipyard and Poland. Three more are under production in Feb for the Warnow shipyard.
2. Eighty oscillographs for visualizing the key impulses of radar sets have been manufactured during the past month for the Soviet Union. The SU took only 40 of these however. The other 40 (probably with alterations) were sold to Cairo.
3. A 5 KW short wave sender (land) is in production for the Soviet Zone post office.
4. The microwave station set up on the Miggelberg near Berlin is already in operation, but its performance is seriously affected by the screening resulting from its nearness to the city. The last relay station for this line is on the Postplatz in Dresden.
5. A new shop with a testing station for 300 KW medium wave senders has been erected. The wattage of the high frequency tower has been raised to 150 KW at 500 KV.
6. An appropriation of 720,000 marks was made available for the development of the HFB model short wave broadcast transmitter, but the work, which was completed on 30 Nov 53, cost only 47,000. This was because the HFB sender was only a further development of the already developed HFA 50 KW single sideband transmitter. The HFB sender is not exportable however, because efficient transmitter tubes for the power-amplifier stage are not so far available in the DDR (Soviet Zone).

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7. The grant for the development of the HFA sender was 290,000 marks, of which 254,000 marks were used. The sender was developed at the RFT Radeberg after the RFT Leipzig had been unable to solve the problem. The frequency converter (100-2500 kHz) is now under development in the Köpenick works.

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